

Storm Data and Unusual Weather Phenomena - September 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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KENTUCKY, Northeast

(KY-Z101) GREENUP, (KY-Z102) CARTER, (KY-Z103) BOYD, (KY-Z105) LAWRENCE

09/01/07 00:00 EST	0	Drought
09/30/07 23:59 EST	0	

Drought conditions continued, as the month averaged drier and warmer than normal. The monthly rainfall was generally from an inch to 2.5 inches.

OHIO, Southeast

(OH-Z083) JACKSON, (OH-Z084) VINTON, (OH-Z085) MEIGS, (OH-Z086) GALLIA, (OH-Z087) LAWRENCE

09/01/07 00:00 EST	0	Drought
09/30/07 23:59 EST	0	

Drought conditions crept north, as the month averaged warmer and drier than normal. The monthly rainfall was mostly between 1 and 2 inches.

MEIGS COUNTY --- RUTLAND [39.05, -82.13]

09/26/07 17:32 EST	0	Hail (0.75 in)
09/26/07 17:32 EST	0	Source: Public

MEIGS COUNTY --- RUTLAND [39.05, -82.13]

09/26/07 17:36 EST	0	Hail (0.88 in)
09/26/07 17:36 EST	0	Source: Public

MEIGS COUNTY --- POMEROY [39.03, -82.03]

09/26/07 17:43 EST	0	Hail (1.00 in)
09/26/07 17:43 EST	0	Source: Public

MEIGS COUNTY --- CHESTER [39.08, -81.92]

09/26/07 17:50 EST	10K	Thunderstorm Wind (EG 50 kt)
09/26/07 17:50 EST	0	Source: Law Enforcement

Power lines were knocked down by broken tree limbs.

MEIGS COUNTY --- CHESTER [39.08, -81.92]

09/26/07 17:50 EST	50K	Hail (1.75 in)
09/26/07 17:50 EST	0	Source: Law Enforcement

ATHENS COUNTY --- COOLVILLE [39.22, -81.90]

09/26/07 18:10 EST	0	Hail (1.00 in)
09/26/07 18:10 EST	0	Source: Public

In close proximity to a front, an upper air disturbance combined with daytime heating, to trigger thunderstorms. The strongest cell developed over Meigs County near Rutland. The storm moved northeast through the Chester vicinity, then reached into southeast Athens County. In the aftermath of the storm, Route 7 near Chester was reported in gridlock due to the fallen hail and tree branches, plus the air cooled fog.

VIRGINIA, Northwest

(VA-Z003) DICKENSON, (VA-Z004) BUCHANAN

09/01/07 00:00 EST	0	Drought
09/30/07 23:59 EST	0	

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Drought conditions continued and generally intensified. The monthly rainfall was mostly 1 to 1.5 inches. Some locations had even less. For example, John Flannagan Dam recorded only 0.78 inches of rain.

By the end of the month, more farm ponds, small streams, and shallow wells were becoming dry.

WEST VIRGINIA, West

(WV-Z005) WAYNE, (WV-Z006) CABELL, (WV-Z007) MASON, (WV-Z008) JACKSON, (WV-Z013) LINCOLN, (WV-Z014) PUTNAM, (WV-Z015) KANAWHA, (WV-Z016) ROANE, (WV-Z024) MINGO, (WV-Z025) LOGAN, (WV-Z026) BOONE, (WV-Z027) CLAY, (WV-Z033) MCDOWELL, (WV-Z034) WYOMING, (WV-Z035) RALEIGH, (WV-Z036) FAYETTE

09/01/07 00:00 EST	0	Drought
09/30/07 23:59 EST	0	

September averaged warmer and drier than normal. As a result, the drought continued and spread a bit further toward the north and east. The monthly rainfall of 1 to 2 inches was common.

Surface water was being depleted in small streams, ponds, and small impoundments. This generated additional stress on the wildlife, in their search for water.

WOOD COUNTY --- 1.5 N WADEVILLE [39.17, -81.63]

09/26/07 18:25 EST	0	Hail (0.75 in)
09/26/07 18:25 EST	0	Source: Trained Spotter

WOOD COUNTY --- VIENNA [39.33, -81.53]

09/26/07 18:47 EST	0	Thunderstorm Wind (EG 50 kt)
09/26/07 18:47 EST	0	Source: Law Enforcement

Several trees or large branches were blown down.

TYLER COUNTY --- ALMA [39.43, -80.83]

09/26/07 19:40 EST	0	Thunderstorm Wind (EG 50 kt)
09/26/07 19:40 EST	0	Source: COOP Observer

Trees were blown down along Route 18.

Severe thunderstorms moved across the Ohio River from Meigs and Athens Counties in Ohio. A few border counties in West Virginia had large hail or strong wind gusts.

KANAWHA COUNTY --- ELKVIEW [38.45, -81.48]

09/27/07 13:29 EST	0	Hail (1.00 in)
09/27/07 13:29 EST	0	Source: Public

WEBSTER COUNTY --- ERBACON [38.52, -80.58]

09/27/07 14:40 EST	0	Hail (0.75 in)
09/27/07 14:40 EST	0	Source: Post Office

BRAXTON COUNTY --- 2.2 SE LITTLE BIRCH [38.56, -80.67]

09/27/07 14:45 EST	0	Thunderstorm Wind (EG 50 kt)
09/27/07 14:45 EST	0	Source: Law Enforcement

Trees were knocked down along County Route 19/35, which is known as Crites Mountain Road.

WEBSTER COUNTY --- DIANA [38.57, -80.45]

09/27/07 15:00 EST	0	Hail (1.50 in)
09/27/07 15:00 EST	0	Source: Post Office

Thunderstorms intensified in central West Virginia during the mid afternoon.

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KENTUCKY, Northeast

(KY-Z101) GREENUP, (KY-Z102) CARTER, (KY-Z103) BOYD, (KY-Z105) LAWRENCE

10/01/07 00:00 EST	0	Drought
10/31/07 23:59 EST	0	

A rare October heat wave, during the 1st and 2nd weeks of the month, helped peak the severity of the drought. Many small streams and ponds remained dry. Lawrence County officials reported more 911 phone calls than usual, concerning snakes. Many of the calls involved timber rattlers. They also stated that the deer were struggling to find available water. Gatherings of deer were seen near dawn, around the limited water holes.

Much needed and widespread rain finally arrived on the 23rd and the 24th. Rain amounts of 2 to 3 inches were common. As the growing season ended and the autumn foliage peaked, drought conditions began to ease.

OHIO, Southeast

(OH-Z083) JACKSON, (OH-Z084) VINTON, (OH-Z085) MEIGS, (OH-Z086) GALLIA, (OH-Z087) LAWRENCE

10/01/07 00:00 EST	0	Drought
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A rare October heat wave, during the 1st and 2nd weeks of the month, helped peak the severity of the drought.

On the 11th, Gallia County declared an emergency due to a water shortage. With the lowering of the water table, wells were becoming less productive.

Morgan County officials reported that their wildlife was being stressed from the lack of available water. Deer were dying from the effects of the drought and a dry weather disease.

Much needed and widespread rain finally arrived on the 23rd and the 24th. Rain amounts of 2 to 3 inches were common. As the growing season ended and the autumn foliage peaked, drought conditions began to abate or ease.

VIRGINIA, Northwest

(VA-Z003) DICKENSON, (VA-Z004) BUCHANAN

10/01/07 00:00 EST	0	Drought
10/31/07 23:59 EST	0	

Much above normal temperatures, during the 1st and 2nd weeks of the month, helped peak the severity of the drought.

Shallow wells were going dry. Drilling companies were reportedly running 3 to 4 months behind schedule with their requests for drilling new wells or deepening existing wells. The smaller feeder streams and farm ponds were mostly dry.

Wildlife, especially the deer, were being stressed by the continuation of the drought.

Much needed and widespread rain finally arrived on the 23rd through the 25th. During the last week of the month, as colder air arrived and the autumn foliage was peaking, drought conditions began to ease.

WEST VIRGINIA, West

(WV-Z005) WAYNE, (WV-Z006) CABELL, (WV-Z007) MASON, (WV-Z008) JACKSON, (WV-Z013) LINCOLN, (WV-Z014) PUTNAM, (WV-Z015) KANAWHA, (WV-Z016) ROANE, (WV-Z024) MINGO, (WV-Z025) LOGAN, (WV-Z026) BOONE, (WV-Z027) CLAY, (WV-Z033) MCDOWELL, (WV-Z034) WYOMING, (WV-Z035) RALEIGH, (WV-Z036) FAYETTE

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A rare October heat wave, during the 1st and 2nd weeks of the month, helped peak the severity of the drought. Afternoon temperatures reached into the 90s across the lowlands. It is a rare event for any one October day to reach 90 degrees. Charleston had 5 consecutive days in the 90s. The drought and the heat joined forces to provide, what may be, a once in a life time event.

Cattle in Mason County continued to be given well water, as ponds and small streams remained dry.

During the 3rd week of the month, the Governor issued a no burning declaration.

Much needed and widespread rain finally arrived on the 23rd through the 25th. Rain amounts of 2 to 3 inches were common. As the growing season ended and the autumn foliage peaked, drought conditions began to abate or ease. The rain also helped dampen the rising concerns about the autumn fire season. The 24 hour ban on burning was lifted.